

ACIS SINGLE RETIREMENT PLAN REQUIREMENTS DEFINITION PROJECT
TASK 1: SELECT SYSTEMS TO BE EVALUATED

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
1.1	<u>Consult the appropriate Agency (CIA) and Price Waterhouse personnel to identify possible systems/packages to evaluate.</u>	
1.2	<u>Develop a list of prospective systems/packages to be evaluated. Address:</u> <ul style="list-style-type: none">o System/package status (e.g., implemented, design in progress)o Available support from owner agency/vendor	List of Possible Sytems/ Packages to be Evaluated
1.3	<u>Draft the initial contact letter to be sent to selected agencies and vendors. The letter should, at a minimum, address the following:</u> <ul style="list-style-type: none">o A brief background statement describing our overall objectiveo A specific statement concerning the nature of the request (e.g., complete a questionnaire, conduct an on-site visit)o Planned dates for site visits, RFI distribution and completion, etc.o A point of contact	Initial Contact Letter
1.4	<u>Submit a draft of the Initial Contact Letter to OF, OP and OIT personnel for review, approval and mail-out.</u>	

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TASK 2: DEFINE THE NEW SYSTEM

SUBTASK/ STEP	DESCRIPTION	WORK PRODUCT/ DELIVERABLE
2.1	<u>Identify the functional requirements of the new retirement system for both overt and covert employees. Consider the objectives of the system when identifying the requirements. Include the requirements for:</u> <ul style="list-style-type: none"> o Pay period deductions o Annuity payments o Thrift Fund maintenance 	Functional/Information Requirements Summary
2.1.1	Identify the main outputs, inputs, files and source documents. Include: <ul style="list-style-type: none"> o Possible sources o Potential users o Frequency 	Functional/Information Requirement Description
2.1.2	Identify system interfaces. Include: <ul style="list-style-type: none"> o Type (automated or manual) o Timing 	Functional/Information Requirement Description
2.1.3	Identify major constraints and concerns. Consider: <ul style="list-style-type: none"> o Security o Control o Organizational issues 	Issue Resolution Issue Resolution Log
2.1.4	Identify the major processing functions.	Functional/Information Requirement Description Request For Change

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TASK 2: DEFINE THE NEW SYSTEM (cont'd.)

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
2.1.5	Describe the detailed procedures associated with each major processing function. Include the data required to support each procedure.	Structured Process Specifications
2.2	<u>Review the functional requirements of the new retirement system with the OF Working Group.</u>	

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TASK 3: ESTABLISH EVALUATION CRITERIA

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
3.1	<u>Identify the functional requirements to be evaluated.</u>	System Requirements Work- sheets
3.1.1	Using the results of Task 2, identify the specific functional requirements, for all overt employees, to be used in evaluating selected systems/packages.	
3.1.2	Delete all references to specific functional requirements for all covert employees.	
3.1.3	Identify the major processing categories into which each requirement will fit.	
3.1.4	Prepare the preliminary System Requirements Worksheets for use in conducting the detailed evaluation.	
3.1.5	Review the System Requirements Worksheets with the OF Working Group.	
3.2	<u>Document the planned operating environment.</u>	Summary of Planned Oper- ating Environment
3.2.1	Document the planned hardware configuration.	
3.2.2	Document the planned software configuration.	

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TASK 3: ESTABLISH EVALUATION CRITERIA (cont'd.)

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
3.3	<u>Identify the system/package features to be evaluated within the following evaluation categories:</u> <ul style="list-style-type: none">o Technical efficiencyo Maintenance/Support capabilityo Documentationo Security and audit controls	System Features Worksheets
3.3.1	Identify detailed system/package features to be evaluated.	
3.3.2	Prepare the preliminary System Features Worksheets for use in the detailed evaluation.	
3.3.3	Review the preliminary System Features Worksheet with OF, OP and OIT personnel.	

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TASK 4: PREPARE DETAILED SPECIFICATIONS

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
4.1	<u>Identify the functional requirements being performed by the current system.</u>	
4.1.1	Identify the main outputs, inputs, files and source documents. Include: <ul style="list-style-type: none">o Possible sourceso Potential userso Frequency	Catalogue of Reports and Documents
4.1.2	Identify system interfaces. Include: <ul style="list-style-type: none">o Type (automated or manual)o Timing	Functional/Information Requirement Description
4.1.3	Identify the major processing functions.	Functional/Information Requirement Description
4.1.4	Determine the detailed procedures associated with each major processing function. Include the data required to support each procedure.	Structured Process Specifications
4.2	<u>Prepare the detailed specifications for those new requirements which impact the current system.</u>	Detailed Specifications

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TASK 5: PREPARE REQUEST FOR INFORMATION (RFI) PACKAGE

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
5.1	<u>Prepare questionnaires to obtain detailed information on each system's/package's:</u> <ul style="list-style-type: none">o Hardware configurationo Software configurationo Functional capabilitieso Technical efficiencyo Security and audit controlso Documentation	RFI Questionnaire
5.2	<u>Draft the RFI cover letter which, at a minimum, includes:</u> <ul style="list-style-type: none">o A brief statement of our overall objectiveso A specific statement concerning what assistance is being requestedo A summary of the RFI package contentso The date by which a response is desiredo A point of contact	RFI Cover Letter
5.3	<u>Submit the RFI package to OF, OP and OIT personnel for review, approval and mail-out.</u>	

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TASK 6: CONDUCT DETAILED COMPARATIVE EVALUATION

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
6.1	<u>Conduct review of documentation submitted by the selected agencies and vendors.</u>	Updated System Requirements Worksheets
6.2	<u>Review the evaluation results with OF, OP and OIT personnel and obtain approval to proceed.</u>	
6.3	<u>Determine any additions/changes to existing computer equipment or system software required to support each system/package. Indicate the impact on:</u> <ul style="list-style-type: none">o Computer configurationo System softwareo Payroll personnelo Operations personnel	Summary of Impacts on Current Agency Payroll System
6.4	<u>Identify system/package capabilities not required but of some potential use.</u>	Summary of Additional Baseline System Capabilities
6.5	<u>Evaluate effectiveness of input, processing and output controls. Review controls relating to:</u> <ul style="list-style-type: none">o Input transactionso Data validationo Processingo Output report balancingo On-line security	Updated System Features Worksheets

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TASK 6: CONDUCT DETAILED COMPARATIVE EVALUATION (cont'd.)

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
6.6	<u>Conduct site visits to selected agencies and users of the commercial software packages being evaluated.</u>	Site Visit Worksheet
6.6.1	Evaluate each system/package in terms of: <ul style="list-style-type: none">o Implementation experienceo Its appropriateness to the environment in which it will be used	
6.6.2	Evaluate technical system design effectiveness. If system/package documentation and source code are available, review: <ul style="list-style-type: none">o System designo Program structure, including modularityo Program coding techniqueso Effect of design on implementation costso Effect of design on operating costso Effect of design on future maintenance costs	
6.6.3	Evaluate system/package documentation. Analyze for: <ul style="list-style-type: none">o Completenesso Ease of understandingo Ease of use	
6.6.4	Observe all facets of the system/package in operation.	

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TASK 6: CONDUCT DETAILED COMPARATIVE EVALUATION (cont'd.)

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
6.7	<u>Conduct telephone interviews of users of the commercial software packages being evaluated.</u>	User Interview Worksheets
6.7.1	Prepare User Interview Worksheets	
6.7.2	Summarize the experience of current users of the software packages being evaluated.	
6.8	<u>Estimate the level of effort required to incorporate mandatory features and requirements not available in each system/package evaluated. Include the level of effort required to :</u> <ul style="list-style-type: none">o Convert existing data fileso Conduct systems acceptance testingo Conduct user/operation trainingo Tailor system documentation	Level of Effort Estimates For Baseline System Modifications
6.9	<u>If applicable, estimate the costs for any additional computer equipment/system software.</u>	
6.10	<u>Prepare the Baseline System Evaluation Summary Worksheet.</u>	Baseline System Evaluation Summary Worksheet

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TASK 7: APPRAISE SELECTED VENDORS

<u>SUBTASK/ STEP</u>	<u>DESCRIPTION</u>	<u>WORK PRODUCT/ DELIVERABLE</u>
7.1	<u>Complete profiles of the vendors' business history. Include:</u> <ul style="list-style-type: none">o Ageo Dollar sales volumeo Number of development and support staffo Number of customerso Financial reports	
7.2	<u>Evaluate vendors' local service support capabilities. Consider:</u> <ul style="list-style-type: none">o Availability of equipment backupo Level of implementation assistanceo Commitment to future product enhancementso Number and expertise of local support staff	
7.3	<u>Outline one-time purchase and continuing annual costs.</u>	
7.4	<u>Prepare the Vendor Appraisal Summary Worksheet.</u>	Vendor Appraisal Summary Worksheet

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TASK 8: PREPARE REPORT TO MANAGEMENT ON FINDINGS, CONCLUSIONS AND RECOMMENDATIONS

SUBTASK/ STEP	DESCRIPTION	WORK PRODUCT/ DELIVERABLE
8.1	<u>Complete the Report to Management on Findings, Conclusions and Recommendations. Include:</u> <ul style="list-style-type: none">o Work performedo System/package evaluation detail and resultso Current user comments and site visit resultso Estimated level of effort	Report to Management on Findings, Conclusions and Recommendations
8.2	<u>Submit the Report to Management on Findings, Conclusions and Recommendations to OF, OP and OIT personnel and obtain approval.</u>	
8.2	<u>Assess the impact of the requirements for annuity payments and Thrift Fund maintenance on the current retirement procedures. Include the impact on:</u> <ul style="list-style-type: none">o Automated resource requirementso Staffing requirementso Space requirements	Impact Analysis of New System
8.3	<u>Submit the Impact Analysis of the New System to OF personnel and obtain approval.</u>	